

# SCIENCE ACTIVITIES

## INDEX TO VOLUME 27 1990

### AUTHORS

#### A

- Adams, Robert, *see* Borga, Cindy  
Atwater, Mary M., *Bring On the Computers!*, no. 3:19-23

#### B

- Borga, Cindy, and Robert Adams, *Into the Physical Sciences*, no. 2:29-33  
Burns, Joseph C., and Ann Reitzammer, *Dragonfly Invasion*, no. 4:8-11  
Burns, Joseph C., and Lee R. Summerlin, *Canned Catastrophe*, no. 1:12-13  
Butzow, Carol M., and John W. Butzow, *Science through Children's Literature: An Integrated Approach*, no. 3:29-38  
Butzow, John W., *see* Butzow, Carol M.

#### C

- Cairns, John C., Marjorie Stancill Entler, and Dorothy Hickman, *On to the Life Sciences*, no. 2:34-37  
Cairns, John C., and Gerard J. Putz, *What Is the Science Olympiad?*, no. 2:18-19  
Cairns, John C., *see* Wolford, Sandra  
Cliatt, Mary Jo Puckett, *see* Shaw, Jean M.  
Corl, Vickie, *see* Wolford, Sandra

#### D

- Demchik, Michael C., *see* Demchik, Michael J.  
Demchik, Michael J., Michael C. Demchik, and Stephanie J. Demchik, no. 1:20-21  
Demchik, Stephanie J., *see* Demchik, Michael J.

#### E

- Ecklund, Mary C., *Hands-On Activities for Fourth and Fifth Graders*, no. 1:14-19  
Entler, Marjorie Stancill, *see* Cairns, John C.

#### F

- Fortner, Rosanne W., *How to Combine Language Arts and Science in the Classroom*, no. 4:34-37

#### H

- Hall, William, *Pulling It All Together with an Ecology Project*, no. 2:38-40  
Hershey, David R., *Sleuthing the Nutrients That Make Your Houseplants Grow*, no. 4:17-20  
Hickman, Dorothy, *see* Cairns, John C.  
Hoehn, Robert G., *Encouraging Your Students to Think*, no. 2:8-11

#### J

- Jaus, Harold H., *Science and Writing*, no. 4:30-31

#### K

- Kimmel, Howard, *see* Ramadas, Jayashree  
Kuhn, David J., *The School-College Visitation: A Bridge to the Future*, no. 3:8-11

#### M

- McLure, John W., *A Structure for Creativity*, no. 4:31-32  
Motz, LaMoine L., *Discovering Science through Writing Experiences*, no. 4:32-33

#### N

- Novemsky, Lisa, *see* Ramadas, Jayashree

#### P

- Pruitt, Nancy E., *see* Shaw, Edward L., Jr.  
Putz, Gerard J., *see* Cairns, John C.

#### R

- Ramadas, Jayashree, Lisa Novemsky, and Howard Kimmel, *The Shape of Fish: A Marine Science Activity*, no. 4:21-23  
Reitzammer, Ann, *see* Burns, Joseph C.

#### S

- Schaaf, Fred, *Seeing the Sky: 100 Projects, Activities, and Explorations in Astronomy*, no. 1:24-36  
Schlenker, Richard M., and Sarah J. Yoshida, *Integrating Computers into Elementary School Science Using Toothpicks to Generate Data*, no. 4:13-16  
Shaw, Edward L., Jr., and Nancy E. Pruitt, *Making an Inexpensive Skeleton for the Classroom*, no. 3:13-17  
Shaw, Jean M., and Mary Jo Puckett Cliatt, *Thematic Science Units*, no. 3:24-28  
Simonis, Doris G., *Out of This World with Children*, no. 1:8-11  
Summerlin, Lee R., *see* Burns, Joseph C.

#### W

- Ward, Alan, *Of Flies and Elephants*, no. 2:12-15  
Wolford, Sandra, John C. Cairns, and Vickie Corl, *Developing Classroom Science Skills*, no. 2:20-28

#### Y

- Yoshida, Sarah J., *see* Schlenker, Richard M.

### TITLES

#### B

- Bring On the Computers!*, Mary M. Atwater, no. 3:19-23

## C

- Canned Catastrophe, Joseph C. Burns and Lee R. Summerlin, no. 1:12-13

## D

- Developing Classroom Science Skills, Sandra Wolford, John C. Cairns, and Vickie Corl, no. 2:20-28  
 Discovering Science through Writing Experiences, LaMoine L. Motz, no. 4:32-33  
 Dragonfly Invasion, Joseph C. Burns and Ann Reitzammer, no. 4:8-11

## E

- Encouraging Your Students to Think, Robert G. Hoehn, no. 2:8-11

## H

- Hands-On Activities for Fourth and Fifth Graders, Mary C. Ecklund, no. 1:14-19  
 How a Wind Turbine Works, *Nucleus*, no. 4:12  
 How to Buy a Telescope, *NewScience*, no. 1:22-23  
 How to Combine Language Arts and Science in the Classroom, Rosanne W. Fortner, no. 4:34-37

## I

- Integrating Computers into Elementary School Science Using Toothpicks to Generate Data, Richard M. Schlenker and Sarah J. Yoshida, no. 4:13-16  
 Into the Physical Sciences, Cindy Borga and Robert Adams, no. 2:29-33

## L

- List of Winners: "Winning Words" Science Competition, no. 2:16-17

## M

- Making an Inexpensive Skeleton for the Classroom, Edward L. Shaw, Jr., and Nancy E. Pruitt, no. 3:13-17

## O

- Of Flies and Elephants, Alan Ward, no. 2:12-15  
 On to the Life Sciences, John C. Cairns, Marjorie Stancill Entler, and Dorothy Hickman, no. 2:34-37  
 Out of This World with Children, Doris G. Simonis, no. 1:8-11

## P

- Pulling It All Together with an Ecology Project, William Hall, no. 2:38-40

## S

- The School-College Visitation: A Bridge to the Future, David J. Kuhn, no. 3:8-11  
 Science and Writing, Harold H. Jaus, no. 4:30-31  
 Science through Children's Literature: An Integrated Approach, Carol M. Butzow and John W. Butzow, no. 3:29-38  
 Seeing the Sky: 100 Projects, Activities, and Explorations in Astronomy, Fred Schaaf, no. 1:24-36  
 The Shape of Fish: A Marine Science Activity, Jayashree Ramadas, Lisa Novemsky, Howard Kimmel, no. 4:21-23  
 Sleuthing the Nutrients That Make Your Houseplants Grow, David R. Hershey, no. 4:17-20  
 A Structure for Creativity, John W. McLure, no. 4:31-32

## T

- Thematic Science Units, Jean M. Shaw and Mary Jo Puckett Clait, no. 3:24-28

## W

- What Are Those Fuzzy Green Spots?, *NewScience*, no. 3:18  
 What Is the Science Olympiad?, John C. Cairns and Gerard J. Putz, no. 2:18-19  
 The "Winning Words" Science Competition: Students Write about Science, no. 4:24-29  
 The Wonder Fish, Michael J. Demchik, Michael C. Demchik, and Stephanie J. Demchik, no. 1:20-21

## BOOK REVIEWS

- Alderton, David, *Turtles and Tortoises of the World* (George R. Zug), no. 3:45  
 Alike [Alike, Brandenburg], *Dinosaur Bones* (Joseph Patrick Kennedy), no. 1:42  
 Ancona, George, *Riverkeeper* (Wayne Hanley), no. 3:46  
 Bonner, Nigel, *Whales of the World* (Wayne Hanley), no. 1:43  
 Bowden, Marcia, *Nature for the Very Young* (Frances B. Spuler), no. 4:43  
 Bright, Michael, *The Dying Sea* (Robert E. Knowlton), no. 3:43  
 Burton, John, *Close to Extinction* (Robert E. Knowlton), no. 3:43  
 Cochran, Jennifer, *Animal Ecology* (Walter L. Gojmerac), no. 1:44  
 —, *Urban Ecology* (Walter L. Gojmerac), no. 1:44  
 Cohen, Joy, and Eve Pranis, *GrowLab: Activities for Growing Minds* (David R. Hershey), no. 4:41  
 Corral, Michael, *The World of Birds: A Layman's Guide to Ornithology* (Wayne Hanley), no. 4:44  
 Daintith, John, and R.D. Nelson, eds., *The Penguin Dictionary of Mathematics* (editor), no. 3:46  
 Davidovits, Joseph, and Margie Morris, *The Pyramids: An Enigma Solved* (Clarence J. Murphy), no. 2:45  
 Fisher, David E., *The Origin and Evolution of Our Own Particular Universe* (George G. Mallinson), no. 3:43  
 Gardner, Martin, *Hexaflexagons and Other Mathematical Diversions* (Donald E. Myers), no. 1:46  
 Gazzaniga, Michael S., *Mind Matters* (Barry J. Guinagh), no. 1:45  
 Harrison, Richard J., and Michael M. Bryden, eds., *Whales, Dolphins and Porpoises* (Wayne Hanley), no. 1:43  
 Hickman, Pamela M., *Birdwise: Forty Fun Feats for Finding Out about Our Feathered Friends* (Frances B. Spuler), no. 4:43  
 Jaffe, Roberta, and Gary Appel, *The Growing Classroom: Garden-Based Science* (David R. Hershey), no. 4:41  
 Kelly, John E., Scott Mercer, and Steve Wolf, *The Great Whale Book* (Wayne Hanley), no. 1:43  
 Lauber, Patricia, *Snakes Are Hunters* (Joseph Patrick Kennedy), no. 1:42  
 Lockhart, Gary, *The Weather Companion: An Album of Meteorological History, Science, Legend, and Folklore* (Albert C. Jensen), no. 2:45  
 Marcorini, Edgardo, ed., *The History of Science and Technology: A Narrative Chronology* (Robert W. Boenig), no. 1:42  
 Mattison, Chris, *Lizards of the World* (George R. Zug), no. 4:44  
 McGowen, Tom, *The Circulatory System: From Harvey to the Artificial Heart* (Donald F. Logsdon, Jr.), no. 1:43  
 Parker, Barry, *Creation: The Story of the Origin and Evolution of the Universe* (George G. Mallinson), no. 3:43  
 Penrose, Roger, *The Emperor's New Mind* (Joseph D. Exline), no. 4:42  
 Pentz, Lundy, *The Biolab Book*, 2d ed. (David A. Wright and Emmett L. Wright), no. 4:41  
 Preiss, Byron, and William R. Alschuler, eds., *The Microverse* (Joseph S. Tenn), no. 4:43  
 Tangborn, Wendell V., *Glaciers* (Joseph Patrick Kennedy), no. 1:42  
 Vandenbeld, John, *Nature of Australia: A Portrait of the Island Continent* (John W. McLure and Irma Tio), no. 1:44  
 Ward, Alan, *Experimenting with Nature Study* (Frances B. Spuler), no. 3:44  
 Wingerd, Bruce D., *Dogfish Dissection Manual, Frog Dissection Manual, and Rat Dissection Manual* (David A. Wright and Emmett L. Wright), no. 4:41  
 Wisconsin Fast Plants Program, *Wisconsin Fast Plants Manual* (David R. Hershey), no. 3:45

